

National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001



Reply to Attn of: **YS**

21 - 6 2000

TO: Goddard Space Flight Center
ATTN: 900/EOS Project Scientist (M. King)
423/ESDIS Project Manager (D. Perkins)

FROM: YS/Director, Office of Earth Science Research Division

SUBJECT: Earth Observing System (EOS) Set Availability, Quality and Processing

The Research Division within the Office of Earth Science would like to have a better understanding of the data processing schedules, flows, and issues for EOS sensors, primarily those on Terra. Our interests tend to be focused on:

- what data sets are now available for use by the science community (and their quality)
- how the delivery dates for the data products compares to that originally planned prior to launch
- the degree of validation for each of the data products and the extent to which this has been or is being documented in the peer-reviewed literature
- the schedule for availability of additional data products in the future
- an assessment of the ability of the data system to meet the current plans for continued data production and archival of additional data products
- an assessment of the future evolution of currently archived data sets, including any requirements for reprocessing related to potential algorithm updates, etc., and the perceived ability of the data system to meet these requirements

Following up on previous discussions, especially those between Diane Wickland, the Terra Program Scientist and Jon Ranson, the Terra Project Scientist, I request:

1. A briefing on the current status of Terra data processing to include the instrument Principal Investigators/Team Leaders or their designated representatives, as well as key EOS Data and Information System (EOSDIS) and Distributed Active Archive Center (DAAC) managers addressing the above questions. We anticipate that 3/4 day (say, 8:30 am – 3:00 pm) would be necessary and would like to schedule it to be at NASA Headquarters on December 1, 2000, to follow the Earth Science Enterprise (ESE) Bi-Monthly review on November 30, 2000. If this date is not possible, November 29, 2000, is available as a back-up date.

2. Regular reports on the status of Terra – and other active EOS satellite – data processing and data availability. I am assuming that such information is already being reported and that it may only need minor modification or re-packaging to meet our needs. We should discuss the format, content, and frequency of reporting so that our needs can be met without putting an undue burden EOS Project staff.

If you have any questions about this, please contact Dr. Diane Wickland, the Terra Program Scientist, at (202) 358-0245 (dwicklan@hq.nasa.gov).

I look forward to an interesting and valuable briefing on December 1, 2000.

P.A. Saluf for
Jack A. Kaye

cc:

YS/M. Maiden

YS/D. Wickland

GSFC/923/K. Ranson

GSFC/420/C. Scolese

GSFC/902/Steve Wharton

GSFC/902/Steve Kempler

~~LARC/157D/Richard McCombs~~

IPL/300-323/Donald Collins

NSIDC/Ron Weaver